

Power Cost Memorandum Fuel Cost Update and Surcharge Change

Date: December 17, 2020

Utility Name (Cert. No.) UNALASKA, CITY of (106)	Utility File No. PC39-1014QQQ	Date Filed: November 12, 2020
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PCE AMOUNT SUMMARY	Previously Approved PC39-1014PPP	Staff Recommended PC39-1014QQQ
Class Rate	Date Approved: November 20, 2020	Effective Date December 18, 2020
Residential	\$0.0495	\$0.0603
Small General	\$0.0495	\$0.0603
Large General	\$0.0495	\$0.0603
Industrial	\$0.0495	\$0.0603
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ <u>1.4015</u>	New Fuel Purchase Price: \$ <u>1.5693</u>
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: <u>N/A</u>	Surcharge Change: Previous <u>0.10125</u> Updated <u>0.10395</u>

Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 12/17/20)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
McAlpine		<i>SM</i> SM		
Scott		<i>AGS</i> AGS		
Sullivan		<i>DS</i> DS		
Wilson		<i>JW</i> JW		

Special Instructions to Staff:

*If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CITY OF UNALASKA

POWER COST EQUALIZATION CALCULATION
BASED ON TEST YEAR ENDING JUNE 30, 2014
Fuel Cost Update and Surcharge Change

	PC39-1014PPP	PC39-1014QQQ
	Prior Commission Approval	Per Utility Staff Recommended
A. Total kWh Generated	48,097,173	48,097,173
B. Total kWh Sold (Appendix 2)	45,197,810	45,197,810
C. Total Non-Fuel Costs (Appendix 2)	7,378,781	7,378,781
D. Non-Fuel Cost/KWH (C / B)	\$0.1633	\$0.1633
E. Total Fuel and Purchased Power Costs	4,301,113	4,816,066
F. Fuel and Purchased Power Costs/KWH	\$0.0952	\$0.1066
G. Eligible Costs/KWH (D + F)	\$0.2584	\$0.2698
H. Eligible Cost/KWH (G) less base rate in effect	\$0.0521	\$0.0635
I. Lesser of (H) or 79.37 cents/kWh	\$0.0521	\$0.0635
J. Average Class Rates (Appendix 3)		
Residential	\$0.1449	\$0.1476
Small General	\$0.1204	\$0.1231
Large General	\$0.1689	\$0.1716
Industrial	\$0.2388	\$0.2415
Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95%, or (J)		
Residential	\$0.0495	\$0.0603
Small General	\$0.0495	\$0.0603
Large General	\$0.0495	\$0.0603
Industrial	\$0.0495	\$0.0603
L. Funding Level in Effect	100%	100%
Residential	\$0.0495	\$0.0603
Small General	\$0.0495	\$0.0603
Large General	\$0.0495	\$0.0603
Industrial	\$0.0495	\$0.0603

CITY OF UNALASKA

SCHEDULE OF ELIGIBLE POWER COSTS, SALES AND EFFICIENCY BASED ON TEST YEAR ENDING JUNE 30, 2014 Fuel Cost Update and Surcharge Change

			PC39-1014PPP	PC39-1014QQQ	
			Prior Commission Approval	Per Utility	Staff Recommended
Non-Fuel Costs:					
A.	Personnel Costs		2,568,375	2,568,375	2,568,375
B.	Operating Expenses		667,127	667,127	667,127
C.	General and Administrative		482,016	482,016	482,016
D.	Depreciation & Amortization		2,175,183	2,175,183	2,175,183
E.	Interest Expense		1,486,080	1,486,080	1,486,080
F.	Other (Describe)		0	0	0
G.	Total Non-Fuel Costs		7,378,781	7,378,781	7,378,781
Fuel Costs:					
H.	Gallons Consumed for Electric Generation		3,068,848	3,068,848	3,068,848
I.	Price of Fuel: (per gal.)	10/31/2020	\$1.4015	\$1.5693	\$1.5693
J.	Total Cost of Fuel		\$4,301,113	\$4,816,066	\$4,816,066
K.	Total Cost of Purchased Power		\$0	\$0	\$0
L.	TOTAL fuel cost & purchased power		\$4,301,113	\$4,816,066	\$4,816,066
M.	kWh Sold		45,197,810	45,197,810	45,197,810
N.	kWh Station Service		975,392	975,392	975,392
O.	Efficiency	≥ 13.5	15.67	15.67	15.67
P.	Line Loss	≤ 12%	4.00%	4.00%	4.00%
(kWh generated-(kWh sold + Station Service))/kWh generated					

CITY OF UNALASKA

Surcharge 0.103950

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

Customer Charge (CC): \$8.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 kWh
500	0.233950	0.103950	0.337900	176.95	0.35390	0.1476
500				176.95	0.35390	0.1476
TOTAL (A)						(E)

Rate Schedule: Small General

Customer Charge (CC): \$10.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 kWh
500	0.205450	0.103950	0.309400	164.70	0.32940	0.1231
500				164.70	0.32940	0.1231
TOTAL (A)						(E)

Rate Schedule: Large General

Customer Charge (CC): \$50.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 kWh
500	0.173950	0.103950	0.277900	188.95	0.37790	0.1716
500				188.95	0.37790	0.1716
TOTAL (A)						(E)

Rate Schedule: Industrial

Customer Charge (CC): \$100.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 kWh
500	0.143850	0.103950	0.247800	223.90	0.44780	0.2415
500				223.90	0.44780	0.2415
TOTAL (A)						(E)

Signature: 

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